Ecology MCQ Question Answer

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Question: 1. Biome is

Option A. a part of the earth and its atmosphere which inhabits livings organisms
Option B. a community of organisms interacting with each other
Option C. the fauna and flora on land
Option D. the fauna and flora on ocean

Question: 2. Soil particles are arranged in order of increasing size are

Option A. sand, silt and clay
Option B. silt, sand and clay
Option C. clay, sand and silt
Option D. clay, silt and sand

Question: 3. The most polluted city in the world is

Option A. Tokyo
Option B. New York
Option C. Calcutta
Option D. Mexico

Question: 4. In a food-chain, the saprophytic organisms are

Option A. producers
Option B. consumers
Option C. predators
Option D. decomposers

Question: 5. Acid rain is

Option A. limited to industrial areas
Option B. presence of large quantity of SO^2 in the atmosphere
Option C. a natural phenomenon
Option D. presence of CO^2 in the atmosphere

Question: 6. The term "ecosystem" was first proposed by

Option A. A.G. Tansely
Option B. H.T. Odum
Option C. Karl Mobius
Option D. None of these

Question: 7. Plants growing on sea shores show characters of

Option A. hydrophytes

Option B. mesophytes
Option C. xerophytes
Option D. halophytes

Question: 8. A pond is

Option A. a biome
Option B. a natural ecosystem
Option C. an artificial ecosystem
Option D. a community of plants and animals

Question: 9. In an ecosystem the population of

Option A. primary producers is larger than that of primary consumers
Option B. secondary consumers is the largest because they are most powerful
Option C. primary consumers is the least dependent upon primary producers.
Option D. primary consumers outnumber primary producers

Question: 10. One always finds many more of the prey species than of the predator. This is called a

Option A. food web
Option B. pyramid of numbers
Option C. pyramid of succession
Option D. none of these

Question: 11. Trophic levels are formed by

Option A. plants only
Option B. animals only
Option C. organisms linked in food chains
Option D. all of these

Question: 12. When a big fish eats a small fish, which eats water fleas supported by phyto-plankton, the water-fleas are

Option A. producers
Option B. primary consumers
Option C. secondary consumers
Option D. top consumers in the food-chain

Question: 13. Synecology is the study of

Option A. environment
Option B. individual
Option C. specific species
Option D. plant community

Question: 14. The source of energy in an ecosystem is

Option A. light received from sun
Option B. heat liberated during respiration
Option C. heat liberated during fermentation
Option D. none of these

Question: 15. Which is the correct sequence in a food-chain

Option A. Grass > Wolf »Deer -^Buffalo
Option B. Grass » Snake »Insect »Deer
Option C. Grass -»Insect >Birds >Snake
Option D. Bacteria ->Grass ~>Rabbit -»Wolf

Question: 16. Animals which live at the bottom of the sea are called

Option A. leutic
Option B. benthic
Option C. pelagic
Option D. none of these

Question: 17. The first fish that eats upon the planktonic form is

Option A. carnivore
Option B. primary consumer
Option C. secondary consumer
Option D. decomposers

Question: 18. The whale is

Option A. primary producer
Option B. carnivorous secondary consumer
Option C. herbivorous
Option D. a decomposers

Question: 19. All the living organisms on earth constitute

Option A. biome
Option B. biosphere
Option C. community
Option D. population

Question: 20. The most widespread form of symbiosis in nature is

Option A. mutualism
Option B. commensalism
Option C. predatism
Option D. parasitism

Question: 21. An organism which lives at the expense of another organism is called

Option A. predator
Option B. prey
Option C. host
Option D. parasite

Question: 22. When compared to the trophic level above, the total energy present in any given trophic level is necessarily

Option A. greater
Option B. lesser
Option C. the same
Option D. very small

Question: 23. The total set of feeding relationships in a biotic community is called

Option A. a food chain
Option B. trophic levels
Option C. food webs
Option D. ecosystem

Question: 24. Which of the following is normally not an important atmospheric pollutant

Option A. CO
Option B. co_2
Option C. so_2
Option D. Hydro-carbon

Question: 25. Ultra-violet radiation from sunlight causes the reaction that produce

Option A. CO
Option B. so_2
Option C. o_3
Option D.
Fluorides

Question: 26. Which of the following atmospheric pollutants is not produced by the exhaust of motor vehicles in Delhi

Option A.
Fly ash
Option B. so_2
Option C. Hydrocarbon gases
Option D. CO

Question: 27. Association of a sea-anemone with hermit crab living in a gastropod shell is an example of

Option A. mutualism

Option B. commensalism

Option C. symbiosis

Option D. parasitism

Question: 28. Animals in cold regions have fur because

Option A. hair is a good insulating material

Option B. hairs trap air which acts as insulator

Option C. they like fur

Option D. none of these

Question: 29. Trophic levels are formed by

Option A. plants only

Option B. animals only

Option C. carnivorous animals only

Option D. organisms linked in food-chains

Question: 30. Silent valley of Kerala is preserved because

Option A. it contains timber trees

Option B. it harbours lions

Option C. it harbours elephants

Option D. it contains rare animals and plants

Answer Sheet

1	B	
2	D	
3	A	
4	D	
5	B	
6	A	
7	D	
8	B	
9	A	
10	B	
11	C	
12	B	
13	D	
14	A	
15	D	
16	B	
17	B	
18	B	
19	B	
20	B	
21	D	
22	A	
23	C	
24	B	
25	C	
26	A	
27	B	
28	A	
29	D	

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